

Region 3 GPRA Baseline RCRA Corrective Action Facility

Appalachian Timber Services, Inc.

525 East Stonewall Street
Sutton, WV 26601
Congressional District 2
EPA ID #: WVD063461958
Last Updated 06/30/2005

Current Progress at the Site

The soil bioremediation Pilot Test was started on Oct 12, 2000 at the site. Representatives from EarthFax Engineering began inoculation of two different substrates using the primary inoculums of the white-rot-fungus. Creosote contaminated soil was added to the colonized substrate on December 5, 2000 and monitored thru the spring and summer of 2001. On September 7, 2001 the pilot cells were shut down and a report was submitted to EPA in November 2001. Remediation of creosote constituents was observed and risk-base levels were achieved in the last sample analysis for all constituents except one, which remains slightly above the risk-based concentration.. As of November 2002, ATS is quantifying soil amounts for soil bioremediation. ATS is also evaluating capping the site , as alternative to bioremediation.

In December 2001, geoprobe of the areas identified from geotechnical survey to locate “sinks/pockets” of creosote product on the bedrock soil interface took place. . The goal is to maximize the existing groundwater recovery efforts by identifying any pockets of creosote product. Investigation of three areas identified as potential DNAPL pools were undertaken. Three sinks/pockets were identified by the geotechnical survey. To date, two have been investigated and found to contain no creosote. The third pocket which was original scheduled for investigation in January 2004, was under a closed surface impoundment. Due to the cost of angle drilling and the closure history of the impoundment, investigation was not required by EPA.

ATS has decided to cap the creosote contaminated area with an asphalt cap. ATS has submitted design plans for the first of three phases of construction. EPA and WVDEP are reviewing those drawings. Construction is slated for the summer of 2004. With the completion of the geophysical investigation, ATS will be submitting a groundwater remediation system with the capacity to treat a larger volume of water then what is currently being recovered. The design drawings for this system will be submitted in June 2004 for EPA and WVDEP approval.

Construction of the asphalt cap and concrete pads was started in April 2005. Completion of the asphalt cap marks an important milestone in implementation of the final remedy for ATS. The next major task is for ATS to submit the final groundwater remediation system design during summer of 2005.

Site Description

Located in Sutton, WV, on the south bank of the Elk River, approximately 1,200 feet

downstream from Sutton Dam the ATS facility began wood treating operations in 1972. Initially, the company pressure treated wood with creosote. A chromated copper arsenate (CCA) pressurized wood system was later added to production operations at the site. However, creosote pressure treating of wood products (primarily railroad ties and timbers) has always represented more than 90% of company operations. CCA wood treatment operations ceased in July 1993 and all CCA related equipment was removed from the site. Creosote treating operations continue at the facility.

Site Responsibility

RCRA Correction Action activities at this facility are being conducted under the direction of EPA Region 3 with assistance from the State.

Contaminants

The main contaminants of concern in the ground water, soil and surface water are polynuclear aromatic hydrocarbons (PAHs), arsenic and chromium. EPA specified clean up levels for these constituents in their Final Decision and Response to Comments in September 1996. The goal of corrective measures proposed at the site is clean up to achieve the specified contaminant levels.

Community Interaction

The ATS site borders the Elk River and resides in the Braxton County Industrial Park. It is located with the Town of Sutton, WV, approximately 1,200 feet west of Sutton Dam.

EPA placed the Statement of Basis for proposed corrective action on public notice from August 16 through September 17, 1996 at the Sutton Public Library to inform the community about progress of the investigation and clean up. Documents related to the ATS site remain on file at the Sutton Public Library.

Institutional Controls

No institutional controls are currently in place.

Government Contact

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm

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